

Fig. 1

.data1 5,5,5,5 — 202  
 .data2 6,6,6,6 — 204  
 MOV data1 R2 — 206  
 LOOP1: MOV 4,R1 — 208  
 LOOP2: LD (R2),R3 — 210  
 ADD R3,1,R4 — 212  
 ADD R3,1,R3 — 214  
 SUB R1,1,R1 — 216  
 BN2 R1,LOOP2 — 218  
 MOV data2,R2 — 220  
 BR COND LOOP1 — 222

Fig. 2

VECTOR	SYMBOL
302—MOV data1 R2	0
304—MOV 4 R1	1
306 { LD (R2) R3	2
ADD R3,1 R4	3
ADD R3,1,R3	4
308 { SUB R1,1,R1	5
BN2 R1, LOOP2	6
310 { LD (R2),R3	2
ADD R3,1,R4	3
ADD R3,1,R3	4
312 { SUB R1,1,R1	7
BN2 R1,LOOP2	8
314 { LD (R2),R3	2
ADD R3,1,R4	3
ADD R3,1,R3	4
316 { SUB R1,1,R1	9
BN2 R1, LOOP2	10
318 { LD (R2),R3	2
ADD R3,1,R4	3
ADD R3,1,R3	4
320 { SUB R1,1,R1	11
BN2 R1, LOOP2	12
322—MOV data2,R2	13
324—BR COND LOOP1	14

Fig. 3A

	VECTOR	SYMBOL
354	MOV 4, R1	1
356	{ LD (R2),R3 ADD R3,1,R4 ADD R3,1,R3	15 16 17
358	{ SUB R1,1,R1 BN2 R1,LOOP2	5 6
360	{ LD (R2),R3 ADD R3,1,R4 ADD R3,1 R3	15 16 17
362	{ SUB R1,1,R1 BN2 R1,LOOP2	7 8
364	{ LD (R2),R3 ADD R3,1,R4 ADD R3,1 R3	15 16 17
366	{ SUB R1,1,R1 BN2 R1,LOOP2	9 10
368	{ LD (R2),R3 ADD R3,1,R4 ADD R3,1,R3	15 16 17
370	{ SUB R1,1,R1 BN2 R1,LOOP2	11 12

Fig. 3B

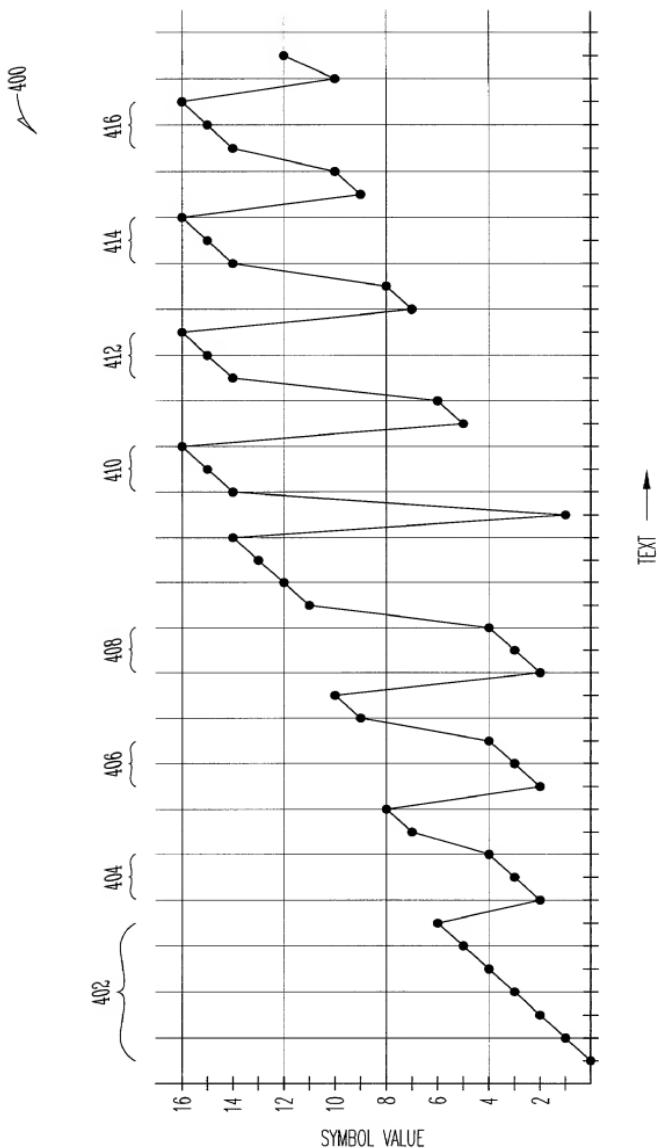


Fig. 4

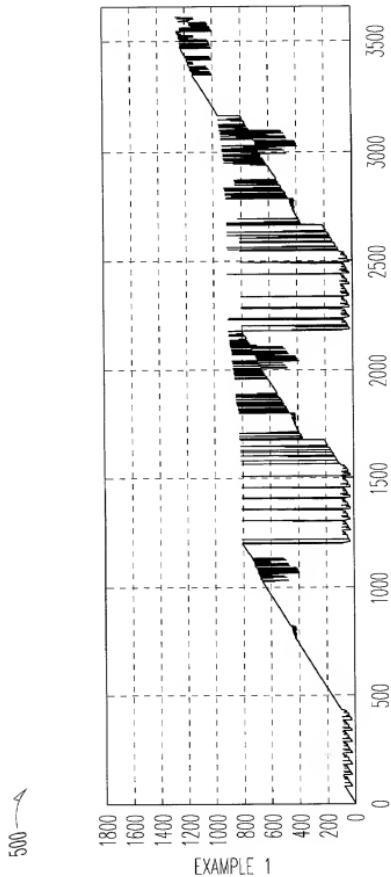


Fig.5

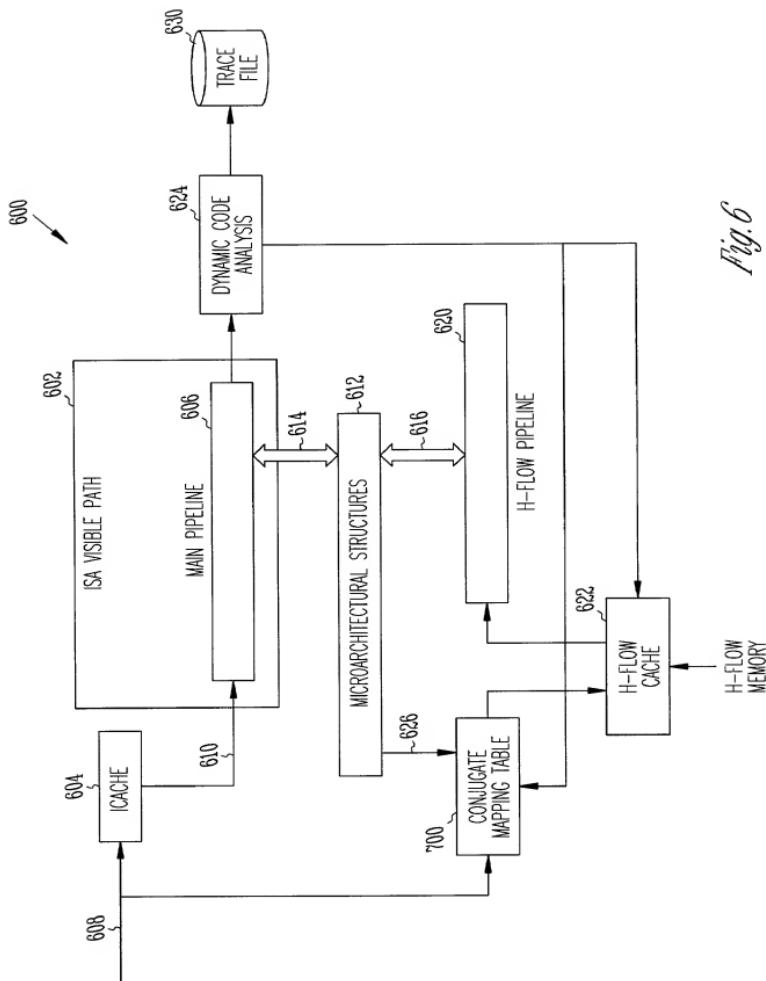


Fig. 6

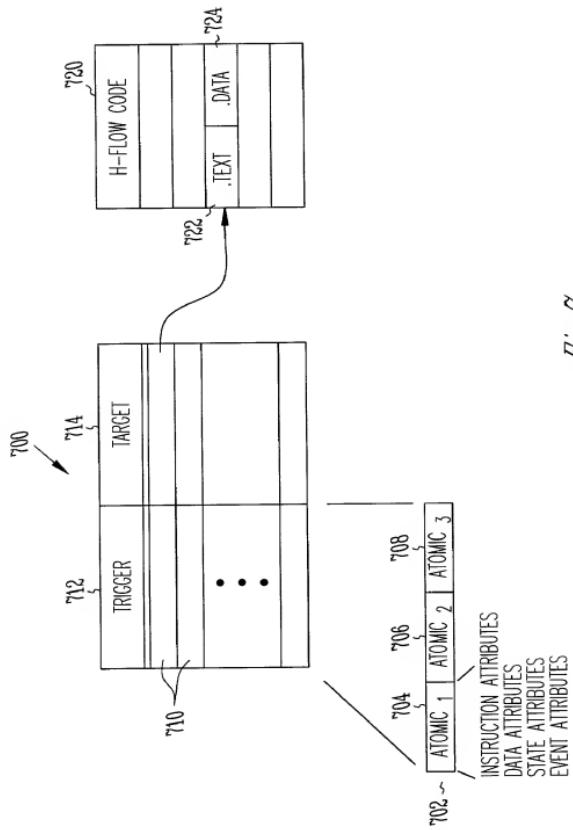
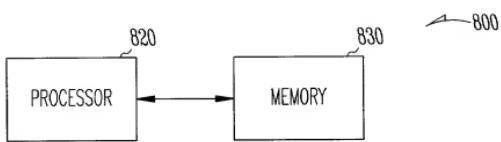


Fig. 2



*Fig.8*